

COUNCIL ON FOREIGN RELATIONS

1779 Massachusetts Avenue • Washington • D.C. 20036
Tel 202 994 4352 Fax 212 861 1789

CHARLES D. FERGUSON

Dr. Charles D. Ferguson is a fellow for science and technology at the Council on Foreign Relations and an adjunct professor in the security studies program at Georgetown University, where he teaches a graduate-level course titled “Nuclear Technologies and Security.” His areas of expertise include nuclear and radiological terrorism prevention and response, nuclear nonproliferation, and U.S. and international nuclear policies.

At the Council, he specializes in analyzing nuclear security and nuclear energy issues. Prior to arriving at the Council in September 2004, he worked as a scientist-in-residence in the Washington, DC, office of the Monterey Institute’s Center for Nonproliferation Studies (CNS). At CNS, he codirected a project that systemically assessed how to prevent and respond to nuclear and radiological terrorism. The project’s major findings were published in the book *The Four Faces of Nuclear Terrorism* (Routledge, 2005). He was also the lead author of the award-winning report *Commercial Radioactive Sources: Surveying the Security Risks*, which was published in January 2003 and was one of the first post-9/11 reports to assess the radiological dispersal device, or “dirty bomb,” threat.

Dr. Ferguson has served as a foreign affairs officer in the Bureau of Nonproliferation, U.S. Department of State, where he helped develop U.S. government policies on nuclear safety and security issues. He was hired for his expertise in physics and nuclear engineering. Within a few days after the terror attacks of September 11, 2001, he drafted a memo about the threat of dirty bombs to then-Secretary of State Colin Powell. He has also worked on nuclear proliferation and arms control issues as a senior research analyst and director of the nuclear policy project at the Federation of American Scientists. After graduating with distinction from the United States Naval Academy, he served as an officer on a fleet ballistic missile submarine and studied nuclear engineering at the Naval Nuclear Power School. He has done scientific research at the Los Alamos National Laboratory, the University of Maryland’s Institute for Physical Science and Technology, the Harvard-Smithsonian Center for Astrophysics, and the Space Telescope Science Institute.

Dr. Ferguson has written numerous articles on missile defense, missile proliferation, nuclear arms control, nuclear proliferation, and nuclear terrorism. These publications have appeared in the *Bulletin of the Atomic Scientists*, *Issues in Science and Technology*, *Newsday*, the *Washington Post*, the *International Herald Tribune*, *Defense News*, and the *IAEA Bulletin*. He has also authored or coauthored several peer-reviewed scientific articles and published in top physics journals, such as *Physical Review E* and *Physical Review Letters*. He has been interviewed numerous times for print, radio, and television media. He holds a PhD in physics from Boston University.

Council on Foreign Relations
Communications Department
NY: +1-212-434-9888
DC: +1-202-518-3419